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PROCEEDINGS
OF THE
ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

VOL. III. MARCH AND APRIL, 1846. No. 2.

Stated Meeting, March 3, 1846.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO LIBRARY.

Bulletin de la Société Imperiale des Naturalistes de Moscou.

Nos. 2 and 3, for 1843. From the Society.

Verhandlingen der Kaiserlich-Russischen Mineralogischen
Gesellschaft zu St. Petersburg. 2 vols. 1843 and 1844.

From the Society.

A Memoir of James De Veaux, of Charleston, S. C. By
Robert W. Gibbes, M. D., of Columbia, S. C. 8vo. From
the Author.

Dr. Morton presented a paper by Dr. Robert W. Gibbes, of
Columbia, S. C., "On the fossil Squalidæ of the Eocene of
the Southern States," which was read and referred to a
committee consisting of Mr. Phillips, Dr. Morton and Dr.
Hallowell.

A paper by Mr. Edward Harris, "On the difference of
level between the waters of the Gulf of Mexico and those of

the Atlantic Ocean," was referred to the following committee :
Dr. Elwyn, Dr. Pickering and Mr. Phillips.

Letters were read :

From the Imperial Society of Naturalists of Moscow, accompanying the Nos. of the Bulletin of that Society presented this evening.

From the British Association for the advancement of Science, announcing that a copy of Herschel's Catalogue of Stars had been adjudged to the Academy by the Association, and stating the mode in which it could be obtained.

Stated Meeting, March 10, 1846.

VICE PRESIDENT MORTON in the Chair.

The Chairman read a letter from Prof. Locke, dated Medical College of Ohio, Feb. 2, 1846, containing a notice of a fossil *Asterias* from the blue limestone of Cincinnati, with a drawing of the same. Referred to the following committee : Dr. Leidy, Dr. Morton and Dr. Pickering.

The Chairman also read a portion of a letter from J. G. Norwood, M. D., of Madison, Indiana, dated Feb. 25, 1846, desiring the communication to the Academy of an accompanying printed description and figures of a new fossil fish from the Palæozoic rocks of Indiana, by Drs. Norwood and D. D. Owen, for which they propose the name *Macropetalichthys rapheidolabis*.

"This is (as far as is known to the describers) not only the first instance of finding scutcheoned fishes in this country, but also the lowest position in which remains of vertebratæ have been found, if we except defensive fin bones, which occur in New York, nearly in the same geological position,—viz: in the corniferous group—and the scales of fishes, which the Professors Rogers traced throughout the Clinton group of Pennsylvania and Virginia."